

DINESH.S

CAD ENGINEER

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Synopsis:

- A Dynamic Professional with 4+ years of experience in the Areas of New product design And Development & Value Engineering.
- High capacity to learn new Skills in objectively seeking New challenges, responsibilities and ways to develop and extend knowledge and Experience.
- Team lead with a notable Analytical proficiency and ability to grasp new technical concepts quickly and utilize the same in a Productive manner.

Key skills:

- New product design
- New product introduction
- Value analysis & value engineering
- Vehicle integration
- Tolerance & Stack Up analysis

Experience:

Nov'15' - **M/s. TAFE Ltd, Chennai.**

Till date - **CAD Engineer**

- Carryout Bench marking activity in competitor vehicles and implement new packaging methods.
- Generate new concepts design.
- Carry-out layout study for estimating pair clearance between various components and aggregates.
- Carry out preliminary calculations for assessing stress levels, geometrical an strength requirements, structural and modal analysis for critical components through Ansys Workbench
- Creating Drawings as per ASME Y 14.5-2009.
- Select the material as per IS, BS & SAE standards.
- Applying GD & T as per ASME Y 14.5-2009.
- Released ECR & ECN drawings.
- Co-ordinate with proto shop for making proto components.
- Provide design support to vendor during component development.
- Ensure bill of materials and update based on vehicle build feedback
- Project handles in Wind-chill 10.2

Dce'13' - **HEMMINGER DATA MANAGEMENSERIVICS, TRICHY.**

Oct'14' - **ENGINEER**

- Modelling, Detailing & Checking of machine Incorporating the engineering / design changes to resolve the quality related problems.
- Reverse Engineering in Auto CAD.
- Convert 2D to 3D in Pro-E

April'12' - **M/s. Rane Engine valve, Trichy**

July'13' - **DET (Diploma Engineer Trainee)**

- To operate various conventional and non-conventional machines.
- PMC - Chart Preparation and **PPM** updating,
- Basic knowledge of **CNC** Lathe & to give the daily. Production plans. Experienced in Incoming Quality, Preparing Receiving inspection.

Software skills:

- Creo 2.0 & Pro-E wildfire
- Wind chill 10.1
- Micro station
- SAP
- Auto cad 2007
- MS Office

Strengths:

- A self-motivated professional.
- Highly committed team player with Strong conceptual & technical Knowledge.
- Skilled at balancing and prioritizing multiple tasks to meet deadlines.
- Quick to grasp, sincere & diligent with work.

Personal details:

- Date of Birth : 22-12-1992
- Marital status : Single
- Gender : Male
- Nationality : Indian
- Mother tongue : Tamil
- Home town : Trichy, Tamilnadu
- Hobbies : Football & cricket
- Languages known : Tamil & English

Projects undertaken at TAFE:

- Manufacturing process changed in lever rear brake from fabrication system to casting.
- Design optimization in ROPS.
- Design optimization in Handbrake mounting plate.
- Design optimization at Recovery bottle in cooling system.
- Design optimization in Air cleaner System.
- Manufacturing process changed in foot rest from casting to sheet metal.
- Structural analysis for Existing & Proposed models.

Awards & Project Done Academic:

Successfully completed the **CFT** in Flexible assemblies.

Spot award for on time delivery of ECN & ECR Drawings

Title Name : **Accident Avoiding System in punching Machine**

OBJECTIVE: This Project Involves Controlling Accident or Defecting Due to Machines. The Control the Sensor. The IR Sensor is used in The Is Project. The IR receiver is fitted Between the Machine where if Any Body Comes Gets Close Contact With The Machine Then The Relay Circuit Will Trip Off The Machine And Indicate Through Alarm. So The Loss Due TO Accident Is Easily Avoided Through This System

Education:

- **B.E - Mechanical engg.** From of sathyabama institute of science & technology, Chennai, Tamilnadu.(Pursuing)
- **DME--Mechanical engg.**from of sudharsan polytechnic college Pudukkottai
- **HSc.** From R.C hr.sec.school, Trichy.
- **SSLC** from Kalai Magal high school, Trichy.

Declaration:

I, Dinesh Confirm hereby, that the information given above is
True to the best of my knowledge

SIGNATURE: _____